

LAHIVE

&  
COCKFIELD

L L P

COUNSELLORS AT LAW

28 STATE STREET

BOSTON, MASSACHUSETTS 02109-1784

TELEPHONE (617) 227-7400

FAX (617) 742-4214

lc@lahive.com



JOHN A. LAHIVE, JR. (1928-1997)  
THOMAS V. SMURZYNKI  
RALPH A. LOREN  
GIULIO A. DeCONTI, JR.  
ANN LAMPART HAMMITTE  
ELIZABETH A. HANLEY  
AMY BAKER MANDRAGOURAS  
ANTHONY A. LAURENTANO  
KEVIN J. CANNING  
JANE E. REMILLARD  
DeANN FORAN SMITH  
PETER C. LAURO  
JEANNE M. DIGIORGIO  
DEBRA J. MILASINCIC, Ph.D.  
DAVID J. RIKKERS  
DAVID R. BURNS  
JOHN S. CURRAN  
SEAN D. DETWEILER

CYNTHIA L. KANIK, Ph.D.  
MEGAN E. WILLIAMS, Ph.D.  
RICA NAND  
MICHAEL PHILLIPS \*  
LISA M. DIROCCO  
HATHAWAY P. RUSSELL \*\*  
MARIA LACCOTRIPE ZACHARAKIS, Ph.D.  
PETER A. DIMATTIA  
VINCENT P. LOCISANO  
MERIDETH C. ARNOLD

PATENT AGENTS  
THEODORE R. WEST  
SHAYNE Y. HUFF, Ph.D.  
DANIEL B. KO

TECHNICAL SPECIALISTS  
CYNTHIA M. SOROS  
PETER W. DINI, Ph.D.  
EUIHOON LEE  
JENNIFER K. ROSENFIELD  
ALLAN TAMESHTIT, Ph.D.  
CATHERINE E. MCPHERSON  
ERIC F. WAGNER, Ph.D.  
SHAHID HASAN, Ph.D.  
JACOB G. WEINTRAUB  
JONATHAN M. SPARKS, Ph.D.  
CRISTIN E. HOWLEY, Ph.D.

\* Admitted in NY only

\*\* Admitted in TX only

April 18, 2002

Commissioner for Patents  
Washington, D.C. 20231

Re: U.S. Patent Application No.: 10/055720

For: COMPOSITION AND METHOD FOR THE ENCAPSULATION  
OF WATER-SOLUBLE MOLECULES INTO NANOPARTICLES

Inventor: Allison, Stewart D.

Filed: January 22, 2002

Our Ref. No.: PRJ-012

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Information Disclosure Statement;
2. PTO Form 1449;
3. Copies of references cited in PTO Form 1449 (11); and
4. A Return Postcard.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Commissioner for Patents, Washington, D.C. 20231 on:

April 18, 2002

Date

Jane E. Remillard, Esquire, Reg. No. 38,872

Respectfully submitted,  
LAHIVE & COCKFIELD, LLP

Jane E. Remillard, Esquire  
Registration No. 38,872  
Attorney for Applicant

RECEIVED  
APR 18 2002  
1700



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Allison, Stewart D.

Serial No.: 10/055720

Filed: January 22, 2002

For: COMPOSITION AND METHOD FOR THE  
ENCAPSULATION OF WATER-SOLUBLE  
MOLECULES INTO NANOPARTICLES

Attorney Docket No.: PRJ-012

Group Art Unit: 1711

Examiner:

RECEIVED  
APR 25 2002  
TC 1700

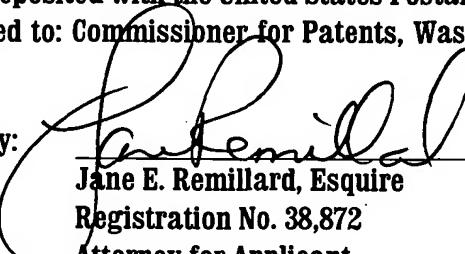
Commissioner for Patents  
Washington, D.C. 20231

Certificate of First Class Mailing (37 CFR §1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date set forth below.

4-18-02

Date of Signature and of Mail Deposit

By: 

Jane E. Remillard, Esquire  
Registration No. 38,872  
Attorney for Applicant

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

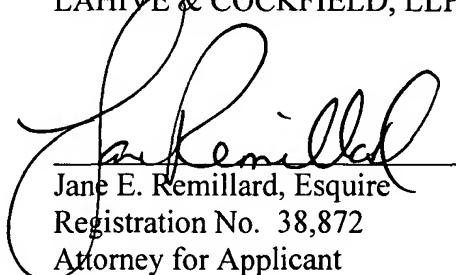
Applicant and his Attorney are aware of the following publications and information, listed on the attached PTO Form 1449, and in accordance with 37 CFR §1.97 hereby submit these publications for the Examiner's consideration. A copy of each cited publication is enclosed.

RECEIVED  
APR 25 2002  
TC 1700

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, Applicant understands that the Examiner will make an independent evaluation of the cited publications.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080.

Respectfully submitted,  
LAHIVE & COCKFIELD, LLP

  
Jane E. Remillard, Esquire  
Registration No. 38,872  
Attorney for Applicant

28 State Street  
Boston, MA 02109  
(617) 227-7400

Date: April 18, 2002

JER/EFW/ham  
Enclosures

APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO <b>PRJ-012</b>	SERIAL NO. <b>10/055720</b>
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT <b>Allison, Stewart D.</b>	FILING DATE <b>January 22, 2002</b>
		GROUP <b>1711</b>	<i>RECEIVED</i>

## **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SEARCH CLASS	SEARCHING DATE INAPPROPRIATE
A1	4,177,177	12/79	Vanderhoff et al.	260	29.2 M	100
A2	5,049,322	09/91	Devissaguet et al.	264	4.1	
A3	5,118,528	06/92	Fessi et al.	427	213.36	
A4	6,143,211	11/2000	Mathiowitz et al.	264	4	

## FOREIGN PATENT DOCUMENTS

**FOREIGN PATENT DOCUMENT**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES      NO

**OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)**

**Examiner**

**Date Considered**

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.